

Notice of Allowability

Application No.

10/603,537

Examiner

X. L. Bautista

Applicant(s)

DRESEVIC ET AL.

Art Unit

2179

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on 6/8/06.
2. ☒ The allowed claim(s) is/are 1-3, 5-20, 23 and 24.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

LUCILA X. BAUTISTA
PRIMARY EXAMINER

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Rick D. Nydegger on July 12, 2006.

The application has been amended as follows:

In the claims:

a) Claim 11, line 8, amend as follows:

receiving input from the viewer selecting a preferred example[[,]] image from among

b) Claim 18, line 13, amend as follows:

among the set of example images, the preferred example[[,]]

Reasons for Allowance

2. Claims 1-3, 5-20, 23 and 24 are allowed.
3. The following is an examiner's statement of reasons for allowance:

Independent claims 1, 11 and 18 have been carefully considered. Prior art of record fails to teach a method and computing system that enables users to select a preferred example image and then using the display parameters associated with the selected image to control and adjust an image, wherein the display parameters indicate a balance between color correction and resolution; and obtaining luminous intensity values for individual pixel sub-components of a pixel based on the display parameters, using the luminous intensity values to control the individual pixel sub-components, and then displaying the image based on the indicated balance color correction and resolution and by also using the obtained luminous intensity values, as recited in claims 1 and 18; displaying a set of example images that are generated using a corresponding gamma value corresponding to an indicated balance between color correction and resolution and then using the gamma value to display an image; mapping different sets of samples of image data representing the image to individual pixel sub-components of a pixel to obtain luminous intensity values for the individual pixel sub-components based on the gamma value, performing gamma correction on the luminous intensity values using the gamma value to implement color compensation using the indicated balance between color correction and

resolution, as recited in claim 11.

Becker (US 6,192,341) discloses a system for customizing a user output based on user preferences. The system evaluates color differentiation by using dots of different colors. Becker explains that pixels having color values corresponding to problem colors can be displayed at a greater saturation or intensity, and that contrast, resolution, and refresh rate can be enhanced.

Gormish (US 5,910,796) discloses a method of performing gamma correction for a display device. A user specifies a location on a first image, the color of the first image matching the overall color of a second image, and then an estimate of the gamma of the display device is determined based on the location specified by the user input, next a correction valued is determined based on the estimate of the gamma, and the second image is redisplayed using the correction value.

McLaughlin (US 5,739,809) discloses a method and system for controlling a display. A profile is used to store desired display parameters that can be user specified or default. The system periodically and automatically polls the status of the display and automatically corrects any display parameter whose value differs from a desired value.

Becker, Gormish and McLaughlin fail to teach or suggest user selection of an example image that is associated with display parameters, and which is used for controlling an image to be displayed based on an indicated balance between color

correction and resolution and by using obtained luminous intensity values for controlling individual pixel sub-components; generating example images using a gamma value corresponding to the indicated balance between color correction and resolution, obtaining luminous intensity values for the individual pixel sub-components based on the gamma value, and performing gamma correction on the luminous intensity values using the gamma value to implement color compensation based on the indicated balance between color correction and resolution.

Conclusion

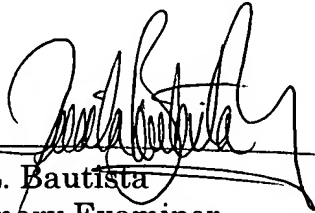
4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to X. L. Bautista whose telephone number is (571) 272-4132. The examiner can normally be reached on Monday-Thursday 8:00AM-6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on (571) 272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-

273-8300.

6. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



X. L. Bautista
Primary Examiner
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xlb
July 12, 2006